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David R. Saliwanchik

David R. Saliwanchik, Patent Attorney

INFORMATION DISCLOSURE
STATEMENT

Patent Application

Docket No. SPO-129

Serial No. 10/593,550

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : *Not yet assigned*
Applicants : Hisae Kume, Hajime Sasaki
Serial No. : 10/593,550
Filed : September 19, 2006
Conf. No. : *Not yet assigned*
For : Antibacterial Composition

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97 AND 1.98

Sir:

The patent application referred to above was filed in the U.S. Patent Office as a national application under 35 USC §371. A copy of the International Search Report is enclosed for the Examiner's convenience. Applicants have also listed on Form PTO/SB/08 several references which have not been cited in the International Search Report. Copies of these documents are enclosed within.

References F1-F9 and R6 were cited in the International Search Report and are also in a foreign language; however, to meet the duty of disclosure, the applicants have also included a copy of the International Search Report showing the relevancy of each of these cited references. Furthermore, F1-F9 and R6 were also cited in the International Preliminary Report on Patentability

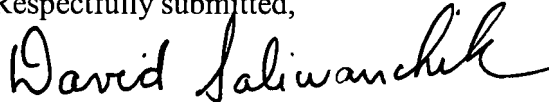
(IPRP) and the Written Opinion (WO). Also enclosed are English translations of the IPRP and the WO.

Please note that references Moriji (R3) and Nakae (R4) are not in English; however, attached are their English translations.

In accordance with 37 CFR §1.56, Applicants hereby request that the references cited in the International Search Report and listed on the attached form PTO/SB/08 be made of record and considered in the examination of the subject application.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



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DRS/wrc

Enclosures: Form PTO/SB/08 (2 pages)
Cited references (14)
International Search Report
International Preliminary Report on Patentability
Written Opinion

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

APR 20 2006

Complete if Known

Application Number	10/593,550
Filing Date	September 19, 2006
First Named Inventor	Hisae Kume
Att Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	SPO-129

Sheet

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of

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U1	US-			
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			
	U10	US-			
	U11	US-			
	U12	US-			
	U13	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	F1	JP 59-187734 A	10-24-1984	Haraguchi <i>et al.</i>	All	
	F2	JP 60-016931 A	01-28-1985	Ueda <i>et al.</i>	All	
	F3	JP 64-20057 A	01-24-1989	Matsunami <i>et al.</i>	All	
	F4	JP 3-285641 A	12-16-1991	Kageyama <i>et al.</i>	All	
	F5	JP 5-252896 A	10-05-1993	Arima <i>et al.</i>	All	
	F6	JP 6-98717 A	04-12-1994	Arima <i>et al.</i>	All	
	F7	JP 7-155103 A	06-20-1995	Nagai <i>et al.</i>	All	
	F8	JP 9-70256 A	03-18-1997	Iwasaki <i>et al.</i>	All	
	F9					
	F10					
	F11					
	F12					

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/593,550	
			Filing Date	September 19, 2006	
			First Named Inventor	Hisae Kume	
			Art Unit	Not yet assigned	
			Examiner Name	Not yet assigned	
Sheet	2	of	2	Attorney Docket Number	SPO-129

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	GOEPFERT, J. M. <i>et al.</i> , "Behavior of Salmonellae in Sliced Luncheon Meats," <i>Applied Microbiology</i> , January 1970, pages 190-192, Vol. 19, No. 1.	
	R2	KAWAI, Y. <i>et al.</i> , "Gassericin A; an Uncommon Cyclic Bacteriocin Produced by <i>Lactobacillus gasseri</i> LA39 Linked at N- and C-Terminal Ends," <i>Biosci. Biotechnol. Biochem.</i> , December 1998, pages 2438-2440, Vol. 62, No. 12.	
	R3	MORIJI, T., Internet Article: <i>Nyusankin no Kino wo Ikashita biopreservation (Biopreservation utilizing the functions of lactic acid bacteria)</i> http://www.nyusankin.or.jp/scientific/moriji_1.html .	*
	R4	NAKAE, T., <i>Nyu Niku Tamago No Kagaku (Science of Milk, Meat and Egg)</i> , 1986, pages 132-137.	*
	R5	SHAH, N., "Some Beneficial Effects of Probiotic Bacteria," <i>Bioscience Microflora</i> , May 2000, pages 99-106, Vol. 19, No. 2.	
	R6	SUGAMATA, A. <i>et al.</i> , "Atarashii Yogurt-Honey (Y-H) Seizai YH8280 no Shiyo Keiken," <i>Nessho</i> , March 1984, pages 25-30, Vol. 9, No. 2.	
	R7		
	R8		
	R9		
	R10		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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